

U. S. DEPARTMENT OF AGRICULTURE

REPORT FOR OCTOBER, 1908

SOUTH CAROLINA SECTION

OF THE

CLIMATOLOGICAL SERVICE

OF THE

WEATHER BUREAU

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BY

J. W. BAUER

SECTION DIRECTOR

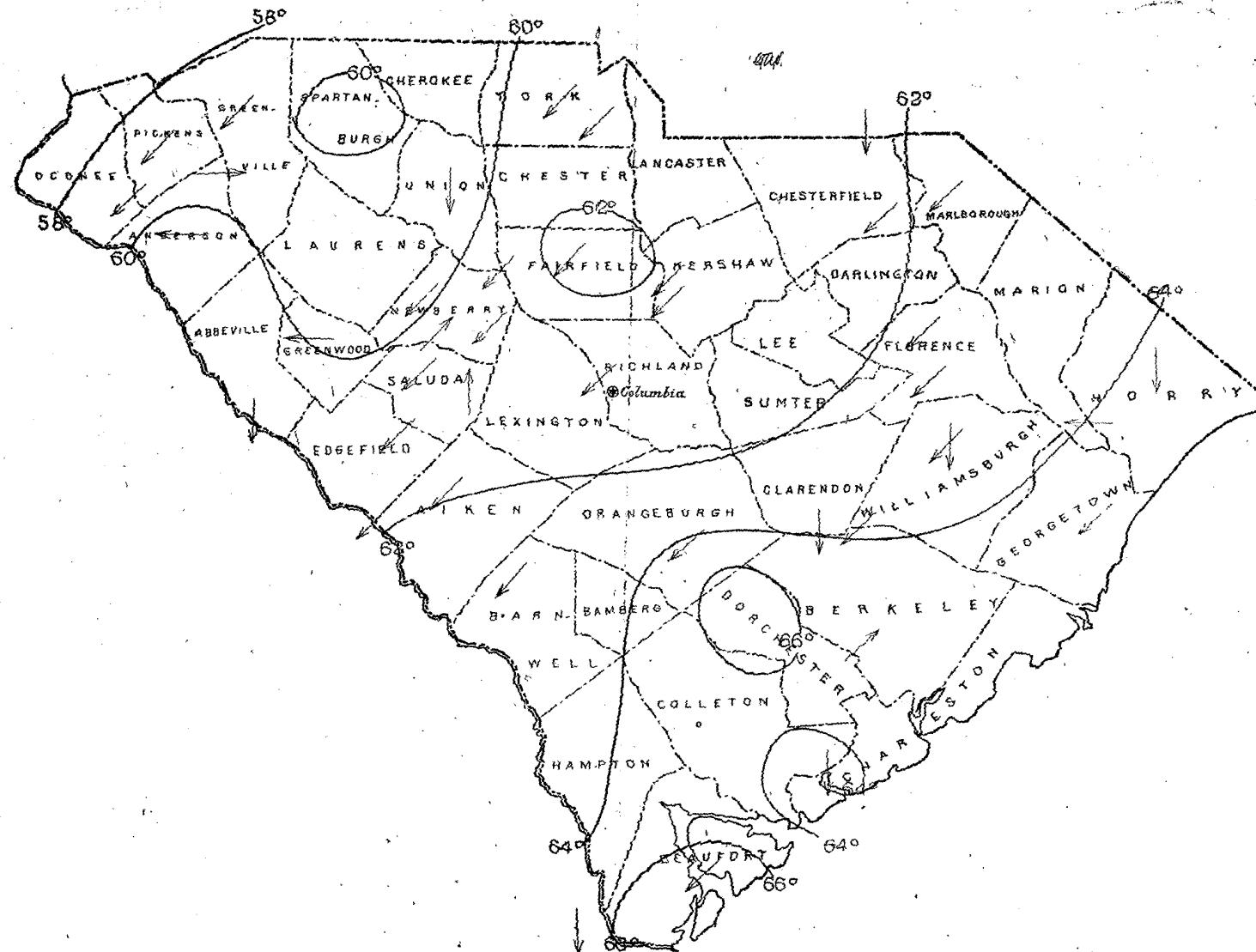


PITTSBURG, PA.
WEATHER BUREAU OFFICE

NOVEMBER 25, 1908

MONTHLY MEAN TEMPERATURE AND PREVAILING WINDS FOR OCTOBER, 1908

(Arrows fly with the wind.)



U. S. DEPARTMENT OF AGRICULTURE,

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OF THE
WEATHER BUREAU.

CENTRAL OFFICE: WASHINGTON, D. C.

SOUTH CAROLINA SECTION.
J. W. BAUER, Section Director.

Vol. XI.

COLUMBIA, S. C., OCTOBER, 1908.

No. 10.

GENERAL SUMMARY.

Except at a few stations in the eastern division, the mean temperature was uniformly below the normal; the precipitation and sunshine were generally in excess of the normal. As a whole the month was cool, with ample rainfall and a small percentage of cloudiness. The mean temperature was the same as in October, 1903, and was slightly higher than in October, 1895, 1896, 1906, or 1907; it was lower than in the other Octobers for last 15-year period. The warmest October was in 1900, when the mean was 67.6° ; the coolest was in 1907, when the mean was 61.2° . Higher temperatures were recorded in every October since 1894, than this year, and during the same period lower minimum temperatures occurred in every year except 1897. The average precipitation was exceeded in amount only in October, 1894, 1899, and 1902. The heaviest rainfall for any October was recorded in 1899, and the least in October, 1907, when the average precipitation was only 0.73 of an inch.

The mean temperature was between 66° and 62° in the eastern division, and between 62° and 58° in the western division. The lower portion of Beaufort County having been, as usual, the warmest, and Greenville County the coolest regions. The first five days were unusually cool, with light frosts in the western division. The low temperatures continued until the 17th, and a decided cool wave, causing frosts to within a few miles of the coast, occurred on the last three days. The highest temperatures were recorded generally on the 18th and 19th. The period from the 23d to the 26th gave the greatest departures above the normal. The 14th, 15th and 30th were the coolest days.

The precipitation was the heaviest in the northeastern portion, especially in Horry and Marion counties, where monthly amounts of from 6 to 8 inches were received. The extreme northwestern portion also received over 6 inches. The rainfall was deficient in the coast counties south of Georgetown County, where the monthly amounts were generally less than 2 inches. There were three rainy periods well distributed throughout the month. The shortest occurred on the 8th-9th with moderate precipitation, the second from the 22d to the 24th, inclusive, with heavy precipitation in places, and the third from the 27th to the 29th, inclusive, with generally heavy precipitation that caused flood stages in the Catawba-Wateree River. During the intervening time clear weather prevailed over the entire State.

Toward evening of the 19th the sky became smoky on the northern and northeastern horizon, and on the 20th the sun was nearly obscured throughout the day by dense smoke and by dense fog along the coast. Scarcely a trace of smoke was visible on the 21st.

TEMPERATURE.

The mean temperature was 62.0° , which is 1.4° below the normal. The highest local mean was 66.8° , at Beaufort; the lowest was 58.2° , at Greenville. The monthly temperature extremes were 80° , at Dillon and Walterboro on the 19th, and 35° at Bowman on the 30th, making the State range 55° . The greatest local monthly range was 50° , at Spartanburg; the least was 35° , at Charleston. The mean of the daily maximum temperatures was 73.1° , and of the daily minimum temperatures was 51.0° , making the average daily range 22.1° .

PRECIPITATION.

The average precipitation was 4.22 inches, which is 1.47 inches above the normal. The greatest local monthly amount was 9.42 inches, at Conway; the least was 1.41 inches, at Walterboro. The greatest 24-hour rainfall was 3.32 inches, at Conway on the 22d-23d. The average number of days with rain was 6, ranging from 2 days at Ferguson to 9 days at Batesburg, Cheraw (1), Greenville, Pelzer, Spartanburg and Yemassee.

EXCESSIVE PRECIPITATION.—At Aiken on the 9th, 2.91 inches in 24 hours; at Beaufort on the 1st, 2.70 inches in 3 hours; at Conway on the 22d-23d, 3.32 inches in 22 hours; at Dillon on the 23d, 2.73 inches in 24 hours; at Yemassee on the 9th, 3.02 inches in 24 hours.

WIND.

The prevailing wind was from the northeast at 27 stations, from the north at 10 stations, from the east at 3 stations, from the southwest at 2 stations and from the south and west at 1 station each.

CLOUDINESS.

The average number of clear days was 19, of partly cloudy days 6, and of cloudy days 6.

MISCELLANEOUS PHENOMENA.

SOLAR HALOS.—At Aiken, Liberty, and Santuc, on the 8th.

HIGH WINDS.—At Charleston on the 2d; at Liberty on the 22d, 23d; at Trial on the 21st, 22d.

DENSE SMOKE.—At Blackville on the 19th; at Camden, Clarks Hill, Columbia, Darlington, Georgetown, Liberty, Saluda, Santuc, Trial, Winthrop College, on the 20th; at Cheraw on the 18th, 20th; at Newberry on the 19th, 20th.

DENSE FOGS.—At Camden on the 10th, 11th; at Charleston on the 20th; at Clarks Hill, Columbia, on the 10th; at Georgetown on the 26th, 27th; at Jacksonboro on the 20th, 26th; at Liberty on the 10th, 11th, 24th; at Newberry, Santuc, Winthrop College, on the 11th.

LIGHT FROST.—The first light frost of the season occurred during the month at the following stations: At Blackville on the 29th; at Bowman, Trial, on the 15th; at Cheraw, Jacksonboro on the 13th; at Clarks Hill, Liberty, Santuc, Winthrop College, on the 4th; at Greenville, Saluda, on the 3d.

THUNDERSTORMS.—Thunderstorms occurred on six days, with two periods of maximum frequency, namely, on the 8th, 9th, 10th, and on the 27th, 28th, 29th, when from one to three of the six stations that recorded thunderstorms reported their occurrence.

PRESSURE AND WIND TABLE FOR OCTOBER, 1908.

Stations.	Barometric pressure.				Wind.			
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement.	Average hourly.	Maximum velocity.
						Miles.	Direction.	Date.
Augusta, Ga.....	30.09	30.43	13	29.75	28	4440	6.0	22 ne.
Charleston.....	30.06	30.35	18	29.69	29	8047	10.8	30 n.
Charlotte, N. C.....	30.12	30.54	13	29.77	29	4753	6.4	22 ne.
Columbia.....	30.09	30.46	13	29.74	29	5014	6.7	21 ne.
Savannah, Ga.....	30.07	30.33	13	29.69	28	4988	6.7	23 sw.
Wilmington, N. C.....	30.07	30.43	13	29.61	29	5899	7.9	27 e.
Averages or extremes.	30.08	30.54	13	29.6x	29	5524	7.4	30 n.

RIVER GAGE READINGS, OCTOBER, 1908.

Stations.	Flood stage.	Mean.	Highest.	Date.	Lowest.	Date.
Blairs.....	14	1.4	6.6	30	0.1	8
Calhoun Falls.....	15	2.6	5.0	30	1.9	*13
Camden.....	24	11.4	26.3	26	6.0	20
Catawba.....	11	3.9	12.7	25	1.3	4
Chappells.....	14	3.5	11.0	30	2.0	19
Cheraw.....	27	8.1	24.4	25	1.6	9
Columbia.....	15	3.0	9.5	30	1.6	*5
Effingham.....	12	4.1	5.5	31	3.3	*15
Ferguson.....	12	9.1	12.6	31	6.5	*7
Kingstree.....	12	0.2	1.0	31	0.0	*18
Mt. Holly, N. C.....	15	2.4	8.0	24	1.8	*1
Pelzer.....	7	3.1	5.5	29	2.6	*16
Rimini.....	12	8.5	13.1	31	5.5	7
Smiths Mills.....	16	7.9	12.9	31	4.2	1

*On other dates also.

REMARKS BY OBSERVERS.

BEAUFORT: The month was pleasant, having had eighteen clear days. During the latter portion the sky was smoky, and heavy dews were noted each morning.—Miss E. G. RICE.

BOWMAN: The month was noteworthy for its pleasantness and small percentage of cloudiness, there having been 24 clear days. Light frosts occurred during the middle and near the close of the month, tho the resulting injury was slight.—B. O. EVANS.

LIBERTY: The smoke almost obscured the sun on the 20th. The weather was fine during the greater portion. The rainfall was heavy during the third decade.—JNO. T. BOGGS.

NEWBERRY: An unusually large meteor was observed to the northwestward at 7:35 p. m. on the 2d. The smoke was so dense on the 20th that it obscured the sun for a considerable time. Numerous light frosts occurred, but none was damaging.—W. G. PETERSON.

SANTUC: Clear weather predominated during the month, tho the rainfall was ample. The weather was generally cool, with light frost on two days that did no damage.—E. W. JETER.

SOCIETY HILL: The weather was favorable for harvesting all crops. The mean temperature was below the normal; the rainfall was in excess.—Maj. J. J. LUCAS.

SUMMERTON: The average relative humidity was 55 per cent. A slight earthquake tremor occurred at 11:10 p. m. of the 25th.—Miss E. H. GADSDEN.

TRENTON: The total precipitation since January 1st is 6.15 inches less than the average for the first ten months of the year.—C. A. LONG.

CLIMATOLOGY OF WINNSBORO, S. C.
Temperature.

Year	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1887.....													
1888.....													
1889.....	44	42	52	61	73	70	79	74	71	61	54	55	61.3
1890.....	54	49	63	71			81	76	74		59		
1891.....	54	51	67	72	81	79	81	76	64	52	50		
1892.....	41	48	51	60	70	77	79	72	61	50	44	61.1	
1893.....	36	49	52	67	70	76	79	72					
1894.....													
1895.....													
1896.....													
1897.....													
1898.....													
1899.....													
1900.....													
1901.....													
1902.....													
1903.....													
1904.....													
1905.....													
1906.....													
1907.....													
M'ns	43.3	45.1	53.6	60.8	71.4	76.7	79.7	78.9	73.3	63.4	53.7	45.6	62.0

Precipitation.

Year	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1888.....													
1889.....	4.14	5.93	2.67	1.52	2.21	7.84	6.16	8.60	2.78	1.99	5.87	0.00	49.65
1890.....	1.30	3.24	1.35	1.10	3.60		7.26	7.95	9.29		1.84		
1891.....		3.85	8.90	2.20	3.18	2.43	2.87	4.85	1.84	0.50	4.07	2.49	
1892.....	7.06	5.09	3.17	1.65	3.17	3.16	4.70	3.42	2.71	0.27	0.90	3.02	38.32
1893.....		4.06	1.02										
1894.....													
1895.....													
1896.....													
1897.....													
1898.....													
1899.....													
1900.....													
1901.....													
1902.....													
1903.....													
1904.....													
1905.....													
1906.....													
1907.....													
M'ns	3.18	4.64	3.49	2.96	3.21	4.60	4.75	5.05	3.47	2.50	2.44	3.20	43.49

Extremes of Temperature and Precipitation.

Month.	Temperature.			Precipitation.				
	Highest monthly mean.	Year.	Lowest monthly mean.	Year.	Greatest monthly.	Year.	Least monthly.	Year.
January.....	54	1890	36	1893	7.06	1892	1.30	1890
February.....	54	*1890	38	1905	8.67	1899	0.59	1898
March.....	59	1903	49	1901	7.03	1905	0.91	1896
April.....	67	1891	54	1901	7.03	1905	0.91	1896
May.....	77	1896	68	1900	12.09	1901	1.00	1898
June.....	81	1891	70	1899	10.17	1903	0.49	1905
July.....	83	1902	77	1899	9.94	1896	0.65	1901
August.....	82	1903	74	1899	9.50	1905	0.77	1900
September.....	76	*1893	60	*1888	13.53	1888	0.80	1904
October.....	70	1906	48	1901	5.81	1889	0.27	1896
November.....	67	1906	41	*1901	7.05	1905	0.00	1899
December.....	55	1889	41	*1901	7.05	1905	0.00	1899

*And other years.

COMPARATIVE OCTOBER DATA FOR SOUTH CAROLINA.

Year.	Temperature.						Precipitation.						Average number rainy days.	Prevailing wind direction.
	Mean.	Mean maximum.	Mean minimum.	Maximum.	Minimum.	Average.	Greatest monthly.	Place.	Amount.	Least monthly.	Place.			
1894.....	64.2	74.5	54.6	98	33	4.95	8.34	Santuc.	0.47	Branchville.	5	ne.		
1895.....	61.3	74.2	48.8	95	28	1.15	2.71	Society Hill.	0.47	Allendale.	3	ne.		
1896.....	61.3	74.1	51.0	91	28	1.41	2.75	Spartansburg.	0.38	Allendale.	4	ne.		
1897.....	65.8	70.2	55.4	96	35	3.23	7.04	Charleston.	1.20	Effingham.	5	ne.		
1898.....	62.9	72.4	52.6	90	28	3.82	7.81	Gillistownville.	1.58	Society Hill.	9	ne.		
1899.....	64.2	74.0	54.3	91	34	5.00	9.03	Blackville.	1.97	Gaffney.	6	ne.		
1900.....	67.6	76.6	58.6	95	33	3.65	8.44	Smiths Mills.	1.79	Florence.	9	ne.		
1901.....	62.4	74.9	50.0	92	29	0.89	2.86	Trenton.	1.24	Georgetown.	3	ne.		
1902.....	63.2	74.3	52.0	95	30	4.40	7.34	Batesburg.	2.24	Anderson.	7	ne.		
1903.....	62.0	74.3	49.6	93	25	2.03	4.68	Darlington.	0.86	Cathoum Falls.	5	n.		
1904.....	62.4	74.8	49.9	98	26	1.10	4.75	Charleston.	0.00	Walhalla.	3	ne.		
1905.....	64.2	75.8	52.5	93	29	1.97	5.20	Liberty.	0.60	St. George.	6	ne.		
1906.....	61.9	73.7	52.1	90	24	3.69	12.15	Georgetown.	0.84	Bennettsville.	7	ne.		
1907.....	61.2	72.9	49.5	91	28	0.73	2.34	Beaufort.	0.00	Aiken.	3	ne.		
1908.....	62.0	73.1	51.0	89	35	4.22	9.42	Conway.	1.4					

CLIMATOLOGICAL DATA FOR THE MONTH OF OCTOBER, 1908.

STATIONS.	COUNTIES.	ELEVATION (feet).	LENGTH OF RECORD (years).	TEMPERATURE—IN DEGREES FAHRENHEIT.						PRECIPITATION—IN INCHES.						OBSERVERS.				
				MEAN.			HIGHEST.	LOWEST.	DATE.	GREATEST DAILY RANGE.	TOTAL.	GREATEST IN 24 HOURS.	TOTAL SNOWFALL (UNMELTED).	NUMBER RAINY DAYS.	NUMBER CLEAR DAYS.	NUMBER PARTLY CLOUDY DAYS.	NUMBER CLOUDY DAYS.			
Aiken.....	Aiken.....	565	24	62.2	+ 1.7	86	*18	39	30	4.72	+2.12	2.91	0	4	22	5	ne.	C. F. McGahan, M. D.		
Allendale ^o	Barnwell.....	186	20	63.6	+ 1.0	80	*18	43	15	2.10	-0.37	1.20	0	3	20	5	6	A. R. Hiers.		
Anderson.....	Anderson.....	764	7	66.4	+ 1.2	87	19	38	30	5.57	+2.03	1.34	0	2	21	2	8	H. H. Russell..		
Augusta, Ga.....	Richmond.....	134	37	67.7	+ 1.9	85	19	42	30	3.06	+0.73	1.68	0	8	18	6	7	Weather Bureau.		
Barksdale.....	Laurens.....	680															J. T. Garrett.			
Batesburg ^o	Lexington.....	656	20	60.0	+ 2.0	79	*18	40	30	5.27	+2.20	2.31	0	9	21	5	5	E. J. Hite.		
Beaufort.....	Beaufort.....	20	22	66.8	+ 0.9	84	*18	48	30	4.77	+1.33	2.70	0	7	18	11	2	Miss E. G. Rice.		
Bennettsville.....	Marlboro.....	151	7	64.4	+ 2.1	86	18	41	32	2.89	1.00	0	6	23	2	6	C. S. McCall.			
Blackville ^o	Barnwell.....	296	20	62.2		86	18	40	29	4.27	+2.53	1.85	0	4	20	5	6	Miss M. E. Lange.		
Blairs ^o	Fairfield.....	293	3			81	*17	35	30	5.44		1.64	0	5	24	4	3	T. S. McMeekin.		
Bowman.....	Orangeburg.....	166	7	64.3								0.96	0	8	23	0	8	B. O. Evans.		
Calhoun Falls ^o	Abbeville.....	508	15			84	19	41	30	4.83	+2.07	1.75	0					P. J. Pfeifer.		
Camden (1) ^o	Kershaw.....	2	61.8									1.72	0	7	27	5	5	J. B. Mickle.		
Camden (2) ^o	Kershaw.....	222	42									1.06	0	7	19	5	12	W. C. Brown.		
Catawba ^o	York.....	3										5.36	1.60	0	7	21	3	Jas. C. Faris.		
Chappells ^o	Newberry.....	402	3									4.26	1.28	0	5	17	10	4	W. R. Zimmerman.	
Charleston.....	Charleston.....	48	39	65.4	+ 1.7	82	19	47	30	4.55	+2.38	0.72	0	5	15	8	8	Weather Bureau.		
Charlotte, N. C.....	Mecklenburg.....	808	30	50.5	+ 1.6	82	19	41	14	3.58	+3.43	2.43	0	8	18	6	7	Weather Bureau.		
Cheraw (1) ^o	Chesterfield.....	144	20	63.4	+ 0.6	83	19	41	30	4.96	+2.47	1.55	0	9	18	3	10	W. R. Godfrey.		
Cheraw (2) ^o	Chesterfield.....	87	15			83	*18	36	32	5.01	+2.35	1.59	0	8	19	5	7	Jno. H. Powe.		
Clarks Hill.....	Edgefield.....	500	6	60.0		83	*18	36	*30	2.28		1.95	0	3	25	2	4	Wm. S. Middleton.		
Clemson College.....	Oconee.....	850	17	58.1	+ 3.9	78	19	38	*30	5.61	+2.97	1.71	0	5	25	2	4	Jno. N. Hook.		
Columbia.....	Richland.....	351	21	61.5	+ 2.5	85	19	42	30	3.92	+0.07	1.29	0	8	18	6	7	Section Center.		
Conway ^o	Horry.....	25	16	64.1		85	*17	42	15	3.27	+6.44	3.32	0	8	16	0	15	P. C. Quattlebaum.		
Darlington.....	Darlington.....	175	13	66.6		88	19	40	*15	3.7	+1.07	1.40	0	6				D. C. McCall.		
Dillon.....	Marion.....	100	4	62.6		89	19	40	30	4.2	+2.29	2.73	0	6	23	0	8	A. E. Rowell.		
Effingham ^o	Florence.....	106	16									2.95	+0.25	1.00	0	6	23	0	H. B. McCall.	
Ferguson ^o	Berkeley.....	51	1									3.70		2.20	0	6	23	0	D. B. Gilliland, Jr.	
Florence ^o	Florence.....	136	20	63.0	+ 0.0	87	*17	41	30	4.44	+1.72	2.10	0	6	19	3	9	H. K. Gilbert.		
Georgetown..... ^b	Georgetown.....	12	15	64.8	+ 0.2	82	19	45	29	3.27	+0.55	1.32	0	5	21	7	2	Wm. Aiden James.		
Greenville.....	Greenville.....	989	16	58.2	+ 1.2	83	19	37	30	3.54	+3.71	1.85	0	9	19	7	8	Mrs. S. A. Crittenden.		
Greenwood ^c	Greenwood.....	671	20	59.9	+ 2.0	83	19	39	30	3.8	+2.02	1.38	0	7	23	0	8	M. M. Calhoun.		
Heath Springs.....	Lancaster.....	508	7									4.54	+2.02	1.38	0				J. A. Weener.	
Jacksonboro.....	Colleton.....	13	0	62.4		80	*17	41	*15	34	2.51	1.62	0	5	17	7	7	W. E. Haskell, Jr.		
Kingstree (1) ^o	Williamsburg.....	54	20	63.7	+ 0.3	83	19	41	30	3.73	+1.43	2.20	0	7	21	3	7	J. A. Scott.		
Kingstree (2) ^o	Williamsburg.....	50	14									3.27	+0.53	2.12	0	4	20	4	A. O. Matthews.	
Liberty.....	Pickens.....	900	14	59.8	+ 0.2	84	19	36	30	3.65	+3.84	2.00	0	6	20	6	5	Jno. T. Boggs.		
Little Mountain.....	Newberry.....	630	15	61.6	+ 2.4	84	18	43	31	3.22	+2.56	2.36	0	7	21	4	6	John M. Sease, M. D.		
Newberry.....	Newberry.....	502	4	60.4	+ 1.8	84	18	37	30	3.8	+1.52	1.48	0	7	16	7	8	W. G. Peterson.		
Pelzer ^o	Anderson.....	873	3									4.48	1.60	0	9	21	3	7	John M. Ward.	
Pinopolis [§]	Berkeley.....	54	25															Miss E. P. Ravenel.		
St. George ^o	Dorchester.....	109	20	66.2	+ 2.2	83	19	45	30	3.81	1.80	-0.47	0.90	9	3	27	0	4	G. T. Lewis.	
St. Matthews ^o	Cathoum.....	202	20	61.4	+ 2.7	81	19	41	*30	3.85	2.81	+0.47	1.31	0	7	25	0	6	J. S. Wannamaker.	
Saluda.....	Chatham.....	530	6	66.6		84	*19	37	*14	40	4.23	2.34	0	5	23	2	5	Alvin Etheridge.		
Santee.....	Union.....	512	14	59.8	+ 4.3	83	19	39	*4	35	6.26	+1.22	2.25	0	7	17	8	6	E. W. Jeter.	
Savannah, Ga.....	Williamsburg.....	31	39	64.8	+ 1.5	85	18	44	30	2.5	1.34	-2.21	0.82	0	5	16	5	10	Weather Bureau.	
Society Hill.....	Darlington.....	192	17	60.6	+ 1.0	82	19	38	31	3.6	1.60	-2.07	0.63	0	6	20	0	11	W. G. Walker.	
Spartanburg ^o	Spartanburg.....	875	17	60.1	+ 0.2	88	19	38	31	3.87	+2.85	2.10	0	7	21	6	10	J. J. Lucas.		
Stateburg.....	Sumter.....	50	31									5.48	+2.84	1.45	0	9	15	0	16	F. P. Robinson.
Summerville.....	Dorchester.....	75	11	64.0	+ 0.6	87	19	41	*15	40	2.95	+0.89	2.23	0	8	12	4	4	W. W. Anderson, M. D.	
Trenton ^t	Edgefield.....	620	15	60.5	+ 4.2	82	18	40	4	35	5.60	+2.07	2.33	0	5	19	4	6	Miss E. H. Gadsden.	
Trial.....	Berkeley.....	85	22	62.6	+ 0.1	86	19	38	*30	40	1.69	-1.22	1.20	0	4	12	11	8	C. A. Long.	
Walterboro.....	Colleton.....	69	5	55.3		89	19	41	*17	44	1.41	0.42	0	6	19	8	4	Ettell Gaillard.		
Wilmington, N. C.....	New Hanover.....	52	39	61.5	+ 0.2	83	19	45	31	30	5.74	+2.00	2.60	0	11	12	9	10	J. A. Westerberg.	
Wimnboro.....	Fairfield.....	545	19	62.4	+ 0.2	83	19	45	30	28	3.78	+1.28	1.10	0	6	22	5	4	Weather Bureau.	
Winthrop College.....	York.....	690	9	61.1		85	19	39	30	40	5.98		2.35	0	6	22	1	8	John W. Seigler.	
Yemassee ^o	Beaufort.....	23	13	62.0	+ 3.1	83	18	41	*15	36	4.48	+1.82	3.02	0	9	24	2	5	E. R. Rivers.	
Means, extremes, and dates.....				62.0	+ 1.4	89	*19	35	30	44	4.22	+1.47	3.32	0	6	19	6	6	ne.	

NOTE.—All records are used in determining State means, but the mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation. ^t Maximum thermometer not standard. [†] Minimum thermometer not standard. [§] Exposed non-registering thermometer not standard.

*On other dates also. a. Indicates 1 day missing; b, 2 days, etc. ^oThe state of sky at 8 a. m. not used in averages.

CLIMATOLOGICAL REPORT: SOUTH CAROLINA SECTION

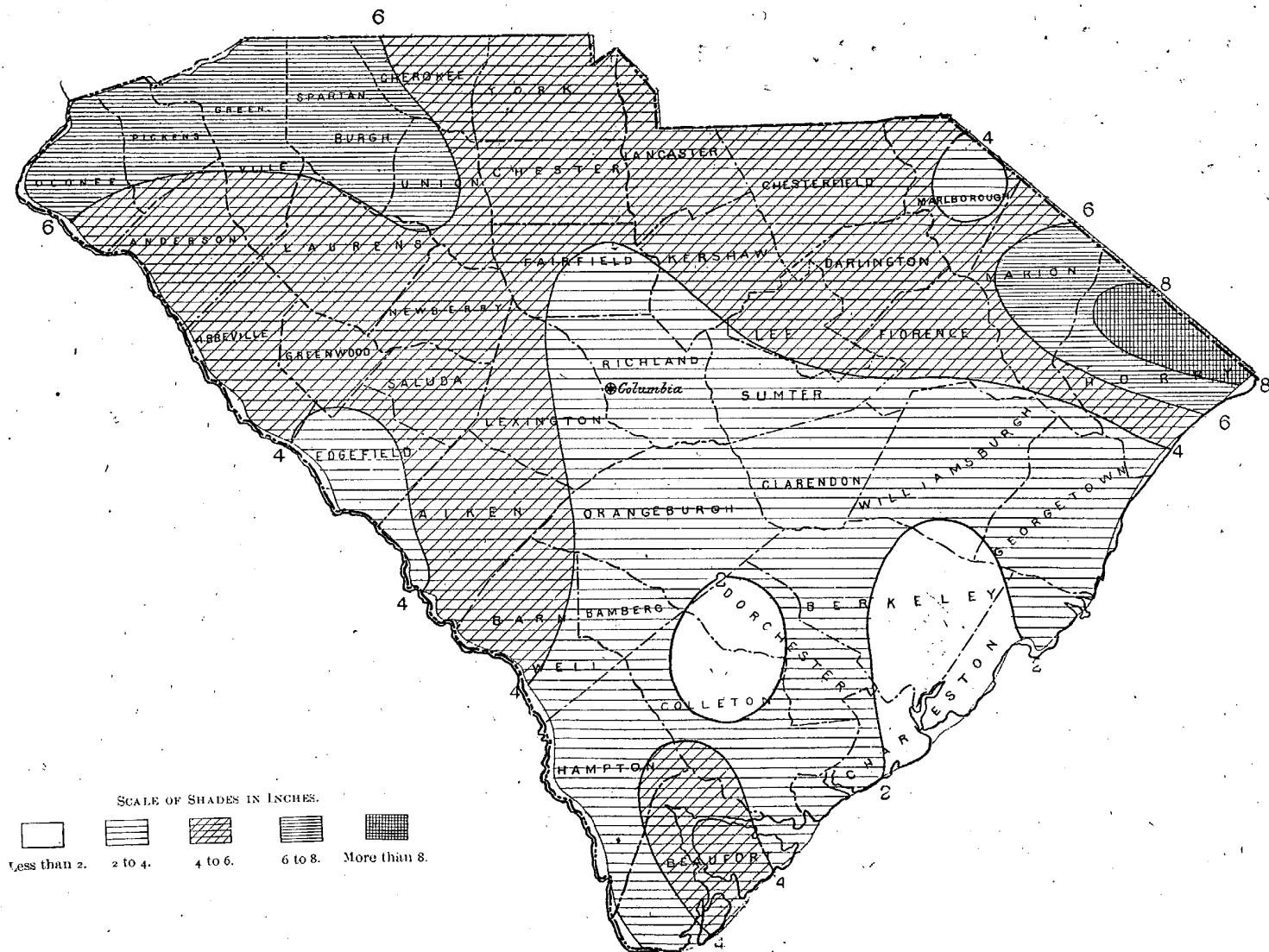
OCTOBER, 1908

DAILY MAXIMUM AND MINIMUM TEMPERATURES DURING OCTOBER, 1908

STATIONS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly mean.
	Max. Min.																															
Aiken.....	81 51	74 54	69 44	80 51	75 43	70 52	80 54	75 54	75 59	60 53	75 48	74 49	71 49	76 42	81 41	84 47	85 49	86 51	74 55	67 50	66 54	68 54	75 54	79 59	78 56	73 45	66 54	56 49	68 39	67 44	74.4	50.1
Allendale*	79 58	72 57	67 48	73 49	80 52	75 54	79 57	78 59	79 62	65 56	75 50	70 52	69 52	75 46	80 43	83 50	85 54	85 58	75 54	69 52	67 52	67 57	78 51	79 57	64 53	58 53	68 44	69 44	74.8	52.3		
Anderson.....	81 48	71 48	68 42	79 51	76 51	70 51	80 51	73 52	70 56	60 50	74 47	70 52	68 46	70 42	79 45	80 45	82 47	86 46	87 50	75 53	66 51	60 52	64 53	72 52	74 54	68 44	68 38	66 44	72.6	48.2		
Augusta, Ga.....	80 52	71 57	68 49	75 45	79 50	73 55	79 55	73 57	72 61	63 52	74 49	69 51	74 43	77 43	78 45	81 47	85 50	85 51	74 53	67 53	63 56	67 57	73 56	78 51	77 51	72 46	69 42	66 45	72.7	50.7		
Barksdale.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Batesburg*	76 50	69 52	70 44	72 41	78 43	75 46	76 48	74 52	20 50	70 54	73 52	69 47	71 41	76 45	75 52	77 55	79 59	77 52	68 50	67 50	63 55	72 56	74 58	72 45	60 56	56 51	60 40	64 41	70.4	49.7		
Beaufort.....	73 60	75 57	73 54	76 58	74 63	78 68	80 69	84 69	84 68	82 55	75 54	75 61	72 55	79 59	73 57	74 50	77 55	79 58	68 62	73 63	74 58	72 56	77 58	73 65	74 52	74 52	74 52	74 52	74 52	74 52		
Bennettsville.....	78 54	74 54	75 47	72 45	80 47	82 48	80 50	82 52	75 68	76 65	78 65	78 60	80 58	75 57	78 57	76 52	76 56	67 60	66 68	64 66	70 63	75 65	75 67	72 64	72 66	70 48	57 48	52 45	68 41	64 41	50.4	
Blackville*	73 54	71 45	75 45	80 49	74 51	80 54	78 56	70 59	75 55	70 49	71 43	81 44	81 46	82 48	85 44	86 52	72 54	79 50	64 51	82 55	79 52	81 51	77 47	64 50	50 50	70 40	68 43	70 42	74.7	49.7		
Bowman.....	80 54	72 52	74 54	76 55	78 56	80 58	81 60	80 62	78 61	73 58	74 55	74 49	73 43	78 38	80 42	82 43	84 44	85 45	72 46	65 50	66 49	67 50	76 55	81 51	78 51	69 50	70 35	71 37	75.9	50.7		
Camden (1).....	79 53	70 52	67 44	74 42	79 50	75 49	77 54	70 55	76 61	73 59	71 48	74 54	67 45	71 43	76 48	79 51	80 51	84 51	72 57	66 47	62 53	71 58	72 57	66 54	60 54	55 48	63 41	60 43	72.4	51.7		
Charleston.....	74 64	75 59	68 58	71 51	74 57	75 57	74 57	77 61	75 62	77 66	73 59	71 55	72 52	71 53	76 56	72 42	74 41	77 52	71 51	67 54	70 59	69 63	70 62	70 67	67 57	68 47	65 51	73.7	57.8			
Charlotte, N. C.....	70 52	64 48	63 42	72 43	75 49	71 50	73 49	73 50	63 58	70 54	70 49	60 52	62 42	70 42	77 52	70 54	80 53	84 54	82 54	65 51	55 51	54 51	67 54	70 59	60 59	50.9	50.9	50.9	50.9	50.9		
Cheraw (1)*.....	75 51	68 52	65 43	73 43	77 47	73 50	72 55	71 58	70 63	72 50	73 51	66 45	69 42	70 46	78 46	73 39	79 42	70 45	82 46	77 46	65 50	65 50	70 50	71 44	68 41	68 40	68 36	69 36	74.2	45.8		
Clarks Hill.....	78 47	78 47	75 39	78 46	74 48	79 49	78 49	73 56	76 44	79 47	73 56	66 48	76 44	77 44	78 44	81 47	84 43	89 47	70 54	65 48	78 60	81 51	78 60	71 46	68 40	68 40	68 40	68 40	68 40	68 40		
Clemson College.....	74 48	67 45	67 43	71 39	74 43	71 48	72 48	66 51	65 57	65 51	68 46	70 48	65 50	69 41	72 43	73 44	74 45	76 45	78 48	69 49	69 56	63 56	69 55	68 53	69 52	66 43	67 38	59 38	68.4	47.8		
Columbia.....	78 52	69 53	66 46	72 43	78 48	73 53	77 56	74 55	74 55	69 54	73 50	74 50	67 48	73 43	79 49	79 49	81 49	84 50	85 51	65 49	65 53	67 58	74 57	78 58	74 57	74 57	74 57	74 57	74 57	74 57		
Conway*	74 60	70 56	69 47	74 59	71 51	75 51	79 56	78 58	29 63	70 62	71 59	74 47	79 42	79 42	84 46	85 46	82 51	85 51	78 54	66 51	66 56	77 63	70 51	58 51	67 59	67 59	67 59	67 59	67 59	67 59		
Darlington.....	69 54	71 52	68 43	71 44	81 47	77 48	80 54	78 53	77 58	71 61	72 49	70 48	70 45	72 40	74 45	72 40	82 49	82 48	80 51	84 51	86 46	66 52	77 59	80 51	79 50	60 50	52 50	68 40	59 41	74.9	53.3	
Dillon*	77 57	71 54	69 44	75 45	79 53	77 50	79 54	73 53	78 62	80 64	77 49	70 47	71 45	74 42	81 47	84 43	85 44	89 47	70 54	65 48	77 59	75 57	80 51	79 50	75 57	70 50	60 50	52 50	68 40	59 41	73.9	49.3
Florence.....	77 51	73 53	75 43	75 45	79 45	76 49	80 51	79 57	81 50	80 63	77 50	86 51	70 49	73 43	82 43	83 46	87 49	83 47	87 51	70 53	64 47	66 48	80 58	76 58	74 58	80 55	55 55	64 41	70 42	75.9	50.0	
Georgetown.....	77 51	71 52	73 53	73 53	78 52	75 57	70 54	78 60	70 54	80 64	79 54	77 56	70 50	71 49	71 46	74 50	81 49	80 50	81 56	82 58	75 52	70 52	80 56	75 59	75 59	75 59	75 59	75 59	75 59	75 59		
Greenville*	77 49	67 48	95 45	72 44	70 45	72 53	75 53	77 52	64 52	65 43	75 47	73 49	67 46	75 41	80 42	80 43	85 45	83 48	67 48	63 53	65 52	62 52	69 56	74 54	55 55	66 46	66 46	74.5	54.5			
Greenwood*	79 47	70 52	69 43	73 43	79 47	74 46	76 50	76 52	71 54	67 53	73 50	74 51	66 47	71 43	78 46	80 50	80 51	82 53	83 53	70 54	74 53	71 56	68 46	67 37	62 38	69.8	47.5					
Heath Springs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonboro.....	74 57	72 54	68 46	73 50	77 48	74 52	80 59	77 59	77 64	74 60	75 51	70 52	71 48	72 47	75 41	76 44	79 48	71 46	72 51	69 50	68 48	68 57	67 48	73 53	76 48	74 55	66 43	66 41	73.0	51.7		
Kingstree (1)*.....	73 58	71 55	66 51	71 51	78 51	74 52	78 57	79 64	76 61	75 54	75 58	69 51	72 47	77 52	78 45	82 47	83 52	77 59	66 49	67 58	71 64	75 56	75 58	75 59	75 59	75 59	75 59	75 59	75 59	75 59		
Liberty.....	80 47	81 47	65 46	74 44	78 49	73 54	79 52	73 50	65 57	65 57	72 44	74 50	75 49	70 48	80 46	83 45	84 48	85 49	70 48	68 45	68 45	63 54	71 55	73 52	67 57	67 57	67 57	67 57	67 57	67 57	67 57	
Little Mountain.....	76 51	68 52	70 50	72 50	77 45	74 50	76 50	75 52	76 52	69 55	70 45	73 53	63 47	70 52	67 53	73 47	74 52	84 54	81 51	75 57	60 52	64 55	73 55	75 55	75 55	69 50	65 47	66 49	71 53	71 53	71 53	
Newberry.....	78 49	69 52	65 43	74 47	78 47	74 50	77 50	77 55	75 60	70 56	74 49	74 49	67 47	73 40	80 42	81 44	84 47	84 50	66 48	66 50	66 50	66 50	66 50	66 50	66 50	66 50	66 50	66 50	66 50			
St. George*	75 60	72 60	68 50	75 50	78 53	75 58	78 61	78 61	78 68	73 65	78 58	78 58	70 54	73 50	78 47	80 53	82 53	86 50	83 58	73 65	70 55	68 58	68 62	60 56	70 45	68 48	74.5	57.8				
St. Matthews*	75 53	69 54	75 40	71 47	72 49	71 54	76 53	75 56	75 57	70 59	71 59	61 64	70 47	73 43	75 45	76 44	78 48	70 54	81 54	82 54	80 55	70 53	67 48	67 48	67 48	67 48	67 48	67 48	67 48	67 48	67 48	
Saluda.....	81 48	70 53	67 47	75 41	78 45	74 48	79 50	77 50	69 53	74 48	73 46	67 47	74 37	81 81	82 42	84 44	84 45	85 44	81 51	71 50	67 48	62 52	66 56	71 54	78 46	74 55	66 41	65 41	72.2	50.6		
Santuc.....	69 49	66 47	71 44	79 48	77 48	74 49	75 49	76 52	75 58	72 62	73 59	67 45	73 40	79 44	81 46	82 48	83 49	84 49	81 51	71 50	67 48	62 52	66 56	71 43	66 53	64 49	67 37	62 37	73.2	47.9		
Savannah, Ga.....	74 60	75 60	75 53	72 54	77 55	73 57	76 61	78 63	76 65	74 53	74 57	71 57	74 53	70 54	80 58	82 57	81 59	77 59	68 54	65 57	68 60	70 60	73 60	72 57	69 50	67 44	67 44	70 49	73.1	50.4		
Society Hill.....	74 53	68 44	65 43	72 44	76 50	75 54	74 56	76 62	76 65	78 55	78 58	70 54	71 50	75 49	78 45	80 47	81 49	82 50	84 53	85 54	86 55	87 54	88 55	89 55	89 55	89 55	89 55	89 55	89 55	89 55		
Spartanburg*	73 40	71 45	67 41	77 41	80 45	79 49	81 51	80 51	66 55																							

* At these stations thermometers are read in the morning; the maximum temperatures then observed appear in the maximum column for the preceding day on which it nearly always occurs.
† The data for Sundays and Mondays taken on Monday mornings and Monday evenings respectively.

TOTAL PRECIPITATION FOR OCTOBER, 1908



SCALE OF SHADES IN INCHES.

Less than 2.	2 to 4.	4 to 6.	6 to 8.	More than 8.

DAILY PRECIPITATION FOR SOUTH CAROLINA, OCTOBER, 1908.

* Precipitation measured at 8 a. m., and includes rainfall for preceding 24 hours. T. indicates trace, less than .01 inch.